

The listing of the claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-41 (Canceled).

Claim 42. (New) Load-bearing means (11) for a transport system, in particular for a shelf-stacking device (1), with a telescopic table (15) displaceable in a plane parallel with a support surface (6) for accommodating at least one storage aid (4), e.g. container, box, etc., with a bottom table (16) and with an intermediate table (17) and top table (18) displaceable relative thereto and relative to one another in linear guide systems (42, 43, 44, 45) disposed preferably symmetrically by reference to a mid-plane (46), and with a drive system (66) between the bottom table (16) and intermediate table (17) and a transmission system (68) for displacing the top table (18) depending on the relative movement between the bottom table (16) and the intermediate table (17), and with the guide systems (42, 43, 44, 45) between the intermediate table (17) and the bottom table (16) and between the intermediate table (17) and the top table (18) disposed in guide planes (47, 48) spaced apart from one another and extending parallel with a bearing surface (26) of the top table (18), and with at least one other guide system (79,

80) form which forms a guide plane (78) oriented perpendicular thereto and parallel with a displacement direction of the top table (18), and the transmission system (68) incorporating transmission means (70) is disposed in a transmission plane (76) extending at an angle (77) with respect to a top face (62) of the top table (18) and parallel with the displacement direction, wherein strip-shaped guide projections (53) forming the guide planes (47, 48) extending across an entire length (30) of the intermediate table (17) form a top band incorporating the guide systems (42, 43) between the intermediate table (17) and the top table (18) and a bottom band incorporating the guide systems (44, 45) between the intermediate table (17) and the bottom table (16).

Claim 43. (New) Load-bearing means according to claim 42, wherein the bottom table (16) and/or the intermediate table (17) and/or the top table (18) is or are preferably made from fiber and/or fabric reinforced plastic.

Claim 44. (New) Load-bearing means according to claim 42, wherein the bottom table (16) and/or intermediate table (17) and/or top table (18) is or are made from light metal alloys, in particular from magnesium alloy.

Claim 45. (New) Load-bearing means according to claim 42, wherein the intermediate table (17) and/or the top table (18) is a carbon fiber reinforced composite component.

Claim 46. (New) Load-bearing means according to claim 42, wherein the intermediate table (17) and/or the top table (18) is a Kevlar fiber reinforced composite component.

Claim 47. (New) Load-bearing means according to claim 42, wherein the composite material of the intermediate table (17) and/or the top table (18) is made from plastic, in particular from polyester resins.

Claim 48. (New) Load-bearing means according to claim 42, wherein reinforcing elements of lightweight metal, steel, etc., are provided in the composite material for the intermediate table (17) and/or the top table (18).

Claim 49. (New) Load-bearing means according to claim 42, wherein the guide systems (42, 43, 44, 45, 79, 80) are provided in the form of roller guides.

Claim 50. (New) Load-bearing means according to claim 42, wherein the guide systems (42, 43, 44, 45, 79, 80) are provided in the form of anti-friction bearing guides.

Claim 51. (New) Load-bearing means according to claim 42, wherein the guide systems (42, 43, 44, 45, 79, 80) are provided with friction-reducing and wear-resistant guide elements (55) forming strip-shaped guide projections (53) between recesses (54).

Claim 52. (New) Load-bearing means according to claim 42, wherein the guide element (55) is provided in the form of a U-shaped anti-friction section (56), in particular made from a plastic with good anti-friction properties.

Claim 53. (New) Load-bearing means according to claim 42, wherein a friction-reducing, wear-resistant coating (58), in particular made from plastic with good anti-friction properties, is provided on an external surface of the guide elements (55).

Claim 54. (New) Load-bearing means according to claim 42, wherein U-shaped anti-friction sections (56) are secured to the guide projections (53) by a positive and/or frictional clamping action.

Claim 55. (New) Load-bearing means according to claim 42, wherein the guide elements (55) on the guide projections (53) are disposed in the longitudinal direction extending on the intermediate table (17) and/or top table (18) and/or bottom table (16) running across an entire length (30) and co-operate with the groove-shaped recesses (54) on the bottom table (16) and/or intermediate table (17) and/or on the top table (18).

Claim 56. (New) Load-bearing means according to claim 42, wherein the guide projections (53) forming the parallel guide planes (47, 48) are disposed on the middle table, preferably symmetrically by reference to a mid-plane (46).

Claim 57. (New) Load-bearing means according to claim 42, wherein a band width (64) of the top band is bigger than a band width (65) of the bottom band.

Claim 58. (New) Load-bearing means according to claim 42, wherein a band width (64) of the top band is shorter than a band width (65) of the bottom band.

Claim 59. (New) Load-bearing means according to claim 42, wherein groove-shaped recesses (54) are provided in the top face and the bottom face of the intermediate table (17) extending in the direction of longitudinal extension to form the guide systems

(79, 80) providing lateral guidance in the other guide plane (78), which preferably extends perpendicular to the guide planes (47, 48) and parallel with the displacement direction.

Claim 60. (New) Load-bearing means according to claim 42, wherein the groove-shaped recesses (54) co-operate with the strip-shaped guide projections (53) disposed on the top table (18) and bottom table (16).

Claim 61. (New) Load-bearing means according to claim 42, wherein the strip-shaped guide projections (53) are provided with the guide elements (55).

Claim 62. (New) Load-bearing means according to claim 42, wherein U-shaped complementary sections (57) are disposed in a positive or frictional connection in the groove-shaped recesses (54) enclosing the guide elements (55), which are preferably made from coated metal or plastic with good anti-friction properties or coated plastic.

Claim 63. (New) Load-bearing means according to claim 42, wherein an angle (77) between the transmission plane (76) and the top face (62) of the top table (18) is between 10 ° and 60 °.

Claim 64. (New) Load-bearing means according to claim 42, wherein locking mechanisms (86) are disposed at opposite end regions (84, 85) of the top table (18), preferably on side walls (59), and have locking means which can be displaced relative to the top face (62) of the top table (18) between a position more or less flush with it and a position projecting beyond it.

Claim 65. (New) Load-bearing means according to claim 42, wherein the locking means is provided in the form of a double lever element (31) with a hook-shaped lock projection (97) on the side wall (59) of the top table (18) mounted so as to be pivotable about a pivot axis (88).

Claim 66. (New) Load-bearing means according to claim 42, wherein the locking means is displaceably connected to a single lever element (89) in a slide block system (96) on the side wall (59) which is pivotable about a pivot axis (87).

Claim 67. (New) Load-bearing means according to claim 42, wherein the single lever element (89) is pivoted on an operating region (94) projecting above the top face (62) of the top table (18) by means of a load force, which causes the double lever element (91) to pivot into a position in which the lock projection (97) projects above the top face (62) of the top table (18).

Claim 68. (New) Load-bearing means according to claim 42, wherein the single lever element (89) is positioned in a non-operating position by means of a spring system (92), preferably a leaf spring, in which the operating region (94) projects above the top face (62) of the top table (18) positioned against a stop means (93).

Claim 69. (New) Load-bearing means according to claim 42, wherein the locking means is designed to be displaceable between the non-operating position and an operating position in which it projects above the top face (62) of the top table (18).

Claim 70. (New) Load-bearing means according to claim 42, wherein a projection distance, e. g. a hook height (98), of a catch pawl (90) forming the locking means is preferably bigger than or the same as a vertical distance (100) between support surfaces (101) of the endless conveyors (31, 32) and the bearing surface (26) of the top table (18).